

# **EXHIBIT AA**

**Groundwater Monitoring Report  
First Quarter 2001  
Former Chromal Plating Company Site  
Former Lawry's California Center  
Los Angeles, California  
Case File No. 95-094  
CAO No. 99-037**

**April 12, 2001  
6257.00-174**



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Prepared For  
California Regional Water Quality Control Board  
Los Angeles Region  
320 West 4<sup>th</sup> Street, Suite 200  
Los Angeles, California 90013

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April 12, 2001

6257.00-174

Ms. Ana Veloz-Townsend  
California Regional Water Quality Control Board  
Los Angeles Region  
320 West 4<sup>th</sup> Street, Suite 200  
Los Angeles, California 90013

Subject: Groundwater Monitoring Report - First Quarter 2001  
Former Chromal Plating Company Site, Former Lawry's California Center,  
528 San Fernando Road, Los Angeles, California  
Case File No. 95-094; CAO No. 99-037

Dear Ms. Veloz-Townsend:

On behalf of the Qualified Settlement Fund, LFR Levine-Fricke (LFR) has prepared the enclosed Groundwater Monitoring Report for the former Chromal Plating Company site at the former Lawry's California Center.

This report contains a summary of groundwater monitoring data for the first quarter of 2001. Six quarters of post-remedial groundwater monitoring have been conducted at the site in accordance with the California Regional Water Quality Control Board, Los Angeles Region (RWQCB), Cleanup and Abatement Order (CAO) Number 99-037, which states: "Implement a quarterly groundwater monitoring program for all wells located on the site. Groundwater samples shall be analyzed, at a minimum, for VOC's, total chromium, hexavalent chromium, sulfate, chloride, boron, pH, temperature, and TDS."

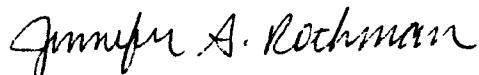
During the first quarter of 2001, an inspection of the asphalt cap covering the soil remediation area was performed. Results of the inspection indicate that the asphalt cap is in good condition.

The next round of groundwater monitoring will be performed during the second quarter of 2001. The next quarterly groundwater monitoring report will be submitted in July 2001.

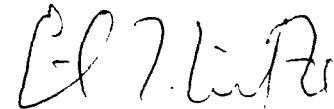
In a letter dated November 14, 2000, the RWQCB denied our request to reduce the groundwater monitoring and reporting frequency from quarterly to semiannually. In addition, the RWQCB modified the groundwater monitoring program by requiring groundwater samples to be analyzed for hexavalent chromium by EPA Method 218.6 with a detection limit of 0.2 micrograms per liter ( $\mu\text{g}/\text{L}$ ). This method has been used during this quarterly monitoring period.

If you have any questions, please contact either of the undersigned at (714) 444-0111.

Sincerely,



Jennifer S. Rothman, P.E.  
Senior Civil Engineer



Eileen T. Wintemute  
Principal Engineer

Attachments

cc: Mr. Bruce H. Edelson, P.E. – Qualified Settlement Fund

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## 1.0 INTRODUCTION

The former Lawry's California Center is located at 570 West Avenue 26, Los Angeles, California. The former Lawry's California Center comprised a 17-acre parcel that was at one time developed with a total of 17 buildings, including warehouses, general office facilities, former food processing facilities and restaurants, landscaped courtyards, and parking areas (Figures 1 and 2). The buildings have been demolished and a Home Depot store now occupies the property. The former Chromal site ("the Site") consists of a 4,500-square-foot former asphalt parking area located in the southern portion of the former Lawry's California Center property, at 528 San Fernando Road near Figueroa Avenue (Figure 2). Most of this area is now a portion of the parking lot for the Home Depot store.

## 2.0 GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring for the Site was conducted on March 1, 2001. LFR personnel collected depth-to-groundwater measurements from ten Chromal site vicinity wells (LFCH-2 through LFCH-8, and LFCH-10a,b,c). Monitoring well locations are shown on Figure 3.

Following collection of the depth-to-groundwater measurements, the monitoring wells were purged with submersible groundwater pumps and then sampled using disposable bailers. An equipment blank sample and duplicate sample were collected for quality control purposes. Groundwater samples were submitted to E.S. Babcock & Sons, Inc. of Riverside, California, for the following analyses: total dissolved chromium by EPA Method 6010B, hexavalent chromium by EPA Method 218.6, volatile organic compounds (VOCs) by EPA Method 8260B, boron by EPA Method 6010B, total dissolved solids (TDS) by SM 2540, and chloride and sulfate by SM 4500.

### 2.1 Groundwater Elevation and Flow Direction

Groundwater elevations were calculated from the depth-to-groundwater measurements recorded for the ten groundwater monitoring wells at the Chromal site. Current and historical groundwater elevation data are presented in Table 1. Groundwater elevations increased by 0.17 to 0.75 foot compared to the December 2000 monitoring event. Groundwater elevation contours are shown in Figure 3. The horizontal groundwater flow direction beneath the Chromal site vicinity is to the south-southwest at a gradient of approximately 0.002 ft/ft.

### 2.2 Groundwater Analytical Results

Current and historical groundwater quality data are presented in Table 2. Total dissolved chromium was not detected above the laboratory reporting limit of

0.01 milligrams per liter (mg/L) in wells LFCH-2, LFCH-4, LFCH-5, LFCH-6, LFCH-7, LFCH-8, LFCH-10b, and LFCH-10c. The concentration of total dissolved chromium decreased in well LFCH-3 from 0.083 mg/L in December 2000 to 0.063 mg/L in March 2001. Hexavalent chromium was not detected above the laboratory reporting limit of 0.001 mg/L using EPA Method 218.6 in wells LFCH-2, LFCH-5, LFCH-7, LFCH-8, LFCH-10b, and LFCH-10c. Trace levels of hexavalent chromium were estimated to be below the laboratory reporting limit and above the laboratory method detection limit of 0.0001 mg/L in wells LFCH-2, LFCH-5, LFCH-10b and LFCH-10c. The concentration of hexavalent chromium decreased in well LFCH-3 from 0.097 mg/L in December 2000 to 0.065 mg/L in March 2001. The concentrations of hexavalent chromium in wells LFCH-2, LFCH-4, LFCH-5, LFCH-6, LFCH-10b, and LFCH-10c using EPA Method 218.6 were 0.0011 mg/L, 0.0041 mg/L, 0.0001 mg/L, 0.0015 mg/L, 0.00016 mg/L, and 0.00016 mg/L, respectively.

Total chromium concentrations over time are depicted in graphical form on Figure 4. As shown on Figure 4, the extent of chromium-affected groundwater has significantly reduced from pre-soil remediation groundwater concentrations measured in June 1999.

The concentrations of halogenated VOCs identified in Chromal site vicinity wells are similar to previous groundwater monitoring results. As described in previous reports, the lack of an on-site source and the decreasing concentrations of these VOCs indicate that an active remediation for VOCs in groundwater is not warranted.

The Chromal site lies between the San Fernando Basin and the Central Basin of the Los Angeles Coastal Plain. According to Table 3-10 of the June 13, 1994 Water Quality Control Plan, Los Angeles Region, the water quality objectives for selected constituents in groundwater in this region are as follows:

- TDS: 700 mg/L
- Sulfate: 250 mg/L
- Chloride: 150 mg/L
- Boron: 1.0 mg/L

TDS concentrations exceeded 700 mg/L in all of the wells, and ranged from 780 mg/L to 1,720 mg/L. Sulfate concentrations were above 250 mg/L in wells LFCH-4, LFCH-5, LFCH-8, and LFCH-10a. Sulfate concentrations ranged from 58 mg/L to 480 mg/L. Chloride concentrations were above 150 mg/L in monitoring wells LFCH-4, LFCH-5, LFCH-6, LFCH-8, LFCH-10b, and LFCH-10c. Chloride concentrations were less than the U.S. EPA's secondary drinking water standard of 250 mg/L in all of the wells. Chloride concentrations ranged from 74 mg/L to 230 mg/L. Boron concentrations were below 1.0 mg/L in all the wells sampled, with the exception of LFCH-4, LFCH-5, LFCH-8, and LFCH-10b. Boron concentrations ranged from 0.4 mg/L to 2.0 mg/L.

## **2.3 Continued Groundwater Monitoring**

The next round of groundwater monitoring will be performed during the second quarter of 2001. That event will represent the seventh post-remedial groundwater monitoring event. The next quarterly groundwater monitoring report will be submitted in July 2001.

## **3.0 ASPHALT CAP**

Following the completion of soil remediation activities, an asphalt cap was placed over the treated soil area, as described in LFR's November 23, 1999 "Soil Remediation Report." An inspection of the asphalt cap was performed on March 1, 2001. Results of the inspection indicate that the asphalt cap is in good condition.

## TABLES

**Table 1**  
**Groundwater Elevation Measurements**  
Former Chromal Plating Site Vicinity  
Former Lawry's California Center  
LFR 6257.00

Well Location ID	Date Measured	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTC)	Groundwater Elevation (feet MSL)	Relative Change in Groundwater Elevation (feet REL)
LFCH-1	06/02/93	334.23	39.44	294.79	-
	03/16/94		40.89	293.34	-1.45
	04/14/94		41.02	293.21	-0.13
	01/06/95		41.27	292.96	-0.25
	06/06/95		40.09	294.14	1.18
	12/28/95		40.78	293.45	-0.69
	04/11/96		40.80	293.43	-0.02
	05/20/96		40.67	293.56	0.13
	10/07/96		40.85	293.38	-0.18
	12/30/96		40.97	293.26	-0.12
	06/24/97		40.65	293.58	0.32
	08/20/97		40.84	293.39	-0.19
	02/10/98		40.55	293.68	0.29
	07/30/98		39.35	294.88	1.20
	01/28/99		40.22	294.01	-0.87
LFCH-2	03/16/94	334.33	41.17	293.16	-
	04/14/94		41.28	293.05	-0.11
	01/06/95		41.53	292.80	-0.25
	06/06/95		40.36	293.97	1.17
	12/28/95		41.04	293.29	-0.68
	04/11/96		41.05	293.28	-0.01
	05/20/96		40.93	293.40	0.12
	10/07/96		41.10	293.23	-0.17
	12/30/96		41.22	293.11	-0.12
	06/24/97		40.91	293.42	0.31
	08/20/97		41.10	293.23	-0.19
	02/10/98		40.80	293.53	0.30
	07/30/98		39.65	294.68	1.15
	01/28/99		40.50	293.83	-0.85
	06/03/99		40.75	293.58	-0.25
	11/03/99		41.17	293.16	-0.42
	02/11/00		41.44	292.89	-0.27
	05/18/00		41.31	293.02	0.13
	09/06/00		41.31	293.02	0.00
	12/20/00		41.37	292.96	-0.06
	03/01/01		41.20	293.13	0.17
LFCH-3	03/16/94	334.73	41.86	292.87	-
	04/14/94		41.97	292.76	-0.11
	01/06/95		42.16	292.57	-0.19
	06/06/95		41.07	293.66	1.09
	12/28/95		41.73	293.00	-0.66
	04/11/96		41.75	292.98	-0.02
	05/20/96		41.61	293.12	0.14
	10/07/96		41.47	293.26	0.14
	12/30/96		41.88	292.85	-0.41
	06/24/97		41.58	293.15	0.30
	08/20/97		41.77	292.96	-0.19
	02/10/98		41.48	293.25	0.29
	07/30/98		40.40	294.33	1.08

**Table 1**  
**Groundwater Elevation Measurements**  
Former Chromal Plating Site Vicinity  
Former Lawry's California Center  
LFR 6257.00

Well Location ID	Date Measured	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTC)	Groundwater Elevation (feet MSL)	Relative Change in Groundwater Elevation (feet REL)
<b>LFCH-3 (continued)</b>	01/28/99		41.25	293.48	-0.85
	06/03/99		41.52	293.21	-0.27
	11/03/99		41.85	292.88	-0.33
	02/11/00		42.08	292.65	-0.23
	05/18/00		41.97	292.76	0.11
	09/06/00		41.95	292.78	0.02
	12/20/00		42.05	292.68	-0.10
	03/01/01		41.80	292.93	0.25
<b>LFCH-4</b>	06/06/95	333.60	39.83	293.77	-
	12/28/95		40.47	293.13	-0.64
	04/11/96		40.51	293.09	-0.04
	05/20/96		40.37	293.23	0.14
	10/07/96		40.54	293.06	-0.17
	12/30/96		40.64	292.96	-0.10
	06/24/97		40.35	293.25	0.29
	08/20/97		40.53	293.07	-0.18
	02/10/98		40.24	293.36	0.29
	07/30/98		39.15	294.45	1.09
	01/28/99		40.00	293.60	-0.85
	06/03/99		40.27	293.33	-0.27
	11/03/99		40.62	292.98	-0.35
	02/11/00		40.85	292.75	-0.23
	05/18/00		40.75	292.85	0.10
	09/06/00		40.72	292.88	0.03
	12/20/00		40.80	292.80	-0.08
	03/01/01		40.58	293.02	0.22
<b>LFCH-5</b>	06/06/95	331.22	37.31	293.91	-
	12/28/95		37.97	293.25	-0.66
	04/11/96		37.80	293.42	0.17
	05/20/96		37.84	293.38	-0.04
	10/07/96		38.02	293.20	-0.18
	12/30/96		38.12	293.10	-0.10
	06/24/97		37.84	293.38	0.28
	08/20/97		38.00	293.22	-0.16
	02/10/98		37.68	293.54	0.32
	07/30/98		36.65	294.57	1.03
	01/28/99		37.45	293.77	-0.80
	06/03/99		37.75	293.47	-0.30
	11/03/99		38.10	293.12	-0.35
	02/11/00		38.32	292.90	-0.22
	05/18/00		38.21	293.01	0.11
	09/06/00		38.20	293.02	0.01
	12/20/00		38.27	292.95	-0.07
	03/01/01		38.10	293.12	0.17
<b>LFCH-6</b>	06/06/95	334.88	40.60	294.28	-
	12/28/95		40.43	294.45	0.17
	04/11/96		40.45	294.43	-0.02
	05/20/96		40.32	294.56	0.13
	10/07/96		40.52	294.36	-0.20

**Table 1**  
**Groundwater Elevation Measurements**  
Former Chromal Plating Site Vicinity  
Former Lawry's California Center  
LFR 6257.00

Well Location ID	Date Measured	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTC)	Groundwater Elevation (feet MSL)	Relative Change in Groundwater Elevation (feet REL)
<b>LFCH-6 (continued)</b>	12/30/96	335.42	40.64	294.24	-0.12
	06/24/97		40.32	294.56	0.32
	08/20/97		41.37	293.51	-1.05
	02/10/98		41.10	293.78	0.27
	07/30/98		39.87	295.01	1.23
	01/28/99		40.80	294.08	-0.93
	06/03/99		41.10	293.78	-0.30
	02/11/00		42.28	293.14	-0.64
	05/18/00		42.11	293.31	0.17
	09/06/00		42.14	293.28	-0.03
	12/20/00		42.23	293.19	-0.09
	03/01/01		42.00	293.42	0.23
<b>LFCH-7</b>	10/05/95	338.23	44.95	293.28	-
	12/28/95		45.38	292.85	-0.43
	04/11/96		45.40	292.83	-0.02
	05/20/96		45.25	292.98	0.15
	10/08/96		45.41	292.82	-0.16
	12/30/96		45.52	292.71	-0.11
	06/24/97		45.23	293.00	0.29
	08/20/97		45.41	292.82	-0.18
	02/10/98		45.07	293.16	0.34
	07/30/98		44.05	294.18	1.02
	01/28/99		44.88	293.35	-0.83
	06/03/99		45.15	293.08	-0.27
	11/03/99		45.50	292.73	-0.35
	02/11/00		45.52	292.71	-0.02
	05/18/00		45.60	292.63	-0.08
	09/06/00		45.58	292.65	0.02
	12/20/00		45.72	292.51	-0.14
	03/01/01		45.45	292.78	0.27
<b>LFCH-8</b>	10/05/95	329.74	36.55	293.19	-
	12/28/95		36.94	292.80	-0.39
	04/11/96		36.96	292.78	-0.02
	05/20/96		36.81	292.93	0.15
	10/07/96		36.90	292.84	-0.09
	12/30/96		37.02	292.72	-0.12
	06/24/97		36.73	293.01	0.29
	08/20/97		37.90	291.84	-1.17
	02/10/98		36.55	293.19	1.35
	07/30/98		35.80	293.94	0.75
	01/28/99		36.45	293.29	-0.65
	06/03/99		36.61	293.13	-0.16
	11/03/99		36.92	292.82	-0.31
	02/11/00		37.05	292.69	-0.13
	05/18/00		36.99	292.75	0.06
	09/06/00		36.90	292.84	0.09
	12/20/00		37.06	292.68	-0.16
	03/01/01		36.41	293.33	0.65

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**Groundwater Elevation Measurements**  
Former Chromal Plating Site Vicinity  
Former Lawry's California Center  
LFR 6257.00

Well Location ID	Date Measured	Top-of-Casing Elevation (feet MSL)	Depth to Groundwater (feet BTC)	Groundwater Elevation (feet MSL)	Relative Change in Groundwater Elevation (feet REL)
LFCH-9	08/20/97	334.38	41.04	293.34	-
	02/10/98		40.74	293.64	0.30
	07/30/98		39.55	294.83	1.19
	01/28/99		40.02	294.36	-0.47
LFCH-10A	08/20/97	333.40	40.08	293.32	-
	02/10/98		39.91	293.49	0.17
	07/30/98		38.42	294.98	1.49
	01/28/99		39.30	294.10	-0.88
	06/03/99		39.60	293.80	-0.30
	11/03/99		39.98	293.42	-0.38
	02/11/00		40.24	293.16	-0.26
	05/18/00		40.11	293.29	0.13
	09/06/00		40.07	293.33	0.04
	12/20/00		40.20	293.20	-0.13
	03/01/01		39.45	293.95	0.75

**NOTES:**

Survey of top-of-well casing elevations provided by Calvada Surveying, and performed by a California

REL - Relative Elevation

MSL - Mean Sea Level

BTC - Below Top of Casing

QA/QC: JMK

**Table 2:**  
**Summary of Groundwater Analytical Data**  
Former Chromal Plating Site Vicinity  
Former Lawry's California Center  
LFR 6257.00  
All values reported in milligrams per liter (mg/l)

Well Number	Relative Locations	Date Sampled	Chromium		Detected Volatile Organic Compounds by EPA Method 8240/8260												TDS	Chloride	Sulfate	Boron
			Total	Hexavalent	PCE	TCE	DCFM	TCM	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naph	Alkylbenzenes	Other VOCs					
LFCH-1	Chromal Site	06/02/93	11.	12.	0.033	0.002	0.02	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA	
		03/16/94	35.	34.	0.023	0.0042	0.011	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA	
		06/06/95	25.	27.	0.013	0.0038	0.0024	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA	
		12/28/95	20.	1.8 *	0.019	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA	--	NA	NA	NA	NA	
		04/12/96	8.9	9.9	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	0.240	ND	--	NA	NA	NA	NA	
		05/21/96	11.	10.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	
		10/08/96	7.1	7.1	0.014	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		12/30/96	10.	10.	0.01	0.0036	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		06/25/97	6.8	6.8	<0.001	0.0018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		08/20/97	6.6	6.4	0.0098	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		02/11/98	2.3	1.7	0.008	0.0053	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		07/30/98	13.	12.	0.014	<0.001	<0.001	0.0017	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		01/28/99	4.17	4.56	0.018	<0.001	<0.002	0.0011	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
LFCH-2	Crossgradient	03/16/94	0.0096	<0.02	0.024	<0.002	<0.002	<0.002	0.0045	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA		
		06/06/95	<0.01	<0.01	0.017	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA		
		12/28/95	0.02	<0.01	0.026	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA	--	NA	NA	NA	NA	
		04/11/96	<0.050	<0.01	0.038	0.002	<0.001	<0.001	<0.001	0.009	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		05/20/96	<0.050	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	
		10/08/96	<0.050	<0.01	0.023	0.003	<0.001	<0.001	0.002	0.0024	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		12/30/96	<0.050	<0.01	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA		
		06/24/97	<0.050	<0.01	0.005	0.0063	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA		
		08/20/97	<0.050	<0.01	0.018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA		
		02/11/98	<0.050	0.01	0.014	0.0014	<0.001	0.0016	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA		
		07/30/98	<0.050	<0.01	0.018	0.0011	<0.001	0.0018	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA		
		01/28/99	<0.050	0.02	0.028	<0.001	<0.002	0.0014	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA		
		06/03/99	<0.050	<0.01	0.0174	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	972	111	198**	<0.05		
		11/03/99	<0.050	<0.01	0.0107	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	918	138	257	0.656		
		02/11/00	<0.050	<0.01	0.00856	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	962	141	226	0.643		
		05/18/00	<0.050	<0.01	0.0095	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1030	142	240	0.72		
		09/06/00	<0.050	<0.02	0.0066	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1030	171	233	0.89		
		12/20/00	<0.050	0.00022 J	0.009	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	971	136	244	0.69		
		03/01/01	<0.010	0.00011 J	0.012	0.0006	<0.001	0.0008	<0.0005	<0.0005	<0.0005	<0.001	ND	--	950	130	230	0.6		
LFCH-3	Downgradient	03/16/94	1.3	1.4	0.029	<0.002	0.013	<0.002	0.0048	0.039	0.055	0.182	0.02	0.0623	--	NA	NA	NA	NA	
		06/06/95	0.76	0.82	0.017	0.0027	0.0081	<0.005	0.0033	0.023	0.089	0.129	0.022	0.0624	--	NA	NA	NA	NA	
		12/28/95	1.4	0.02*	0.015	<0.005	NA	NA	0.008	0.055	0.18	0.32	NA	NA	--	NA	NA	NA	NA	
		04/12/96	0.97	0.88	0.018	<0.005	<0.005	<0.005	0.006	0.096	0.1	0.235	0.038	0.068	--	NA	NA	NA	NA	
		05/21/96	0.94	0.89	NA	NA														

**Table 2:**  
**Summary of Groundwater Analytical Data**  
Former Chromal Plating Site Vicinity  
Former Lawry's California Center  
LFR 6257.00  
All values reported in milligrams per liter (mg/l)

Well Number	Relative Locations	Date Sampled	Chromium		Detected Volatile Organic Compounds by EPA Method 8240/8260										TDS	Chloride	Sulfate	Boron		
			Total	Hexavalent	PCE	TCE	DCFM	TCM	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naph	Alkylbenzenes	Other VOCs					
LFCH-3 (continued)	Downgradient	5/18/00 & 6/15/00	0.16	0.11	0.0071	0.0012	<0.002	<0.001	<0.001	0.0039	0.032	0.014	0.013	0.0136	--	983	121	219	0.67	
		09/06/00	0.17	0.15	0.0077	<0.002	<0.004	<0.002	<0.002	0.022	0.110	0.130	0.037	0.0744	--	888	131	216	0.67	
		12/20/00	0.083	0.097	0.0058	0.001	<0.002	<0.001	<0.001	0.0069	0.038	0.041	0.016	0.0261	--	927	139	215	0.69	
		03/01/01	0.063	0.065	0.0074	0.0012	<0.001	0.0005	<0.0005	0.0041	0.049	0.0313	0.019	0.0272	--	970	140	220	0.7	
LFCH-4	Downgradient	06/06/95	1.3	0.83	0.0052	0.0086	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA	
		12/28/95	0.56	<0.01*	0.006	0.007	NA	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA	--	NA	NA	NA	NA	
		04/11/96	0.37	0.35	0.008	0.01	NA	NA	NA	NA	NA	NA	<0.003	<0.001	ND	--	NA	NA	NA	NA
		05/20/96	0.32	0.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	
		10/07/96	0.22	<0.01*	0.0064	0.0088	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		12/31/96	<0.050	<0.01	0.0037	0.0059	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		06/25/97	<0.050	<0.01	0.0073	0.014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		08/22/97	0.14	0.05	0.004	0.0064	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	0.0035	ND	--	NA	NA	NA	NA
		02/11/98	<0.050	<0.01	0.0062	0.011	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/30/98	0.14	<0.01*	0.0076	0.0038	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		01/29/99	0.404	0.41	0.01	0.0034	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		06/03/99	0.152	0.09	0.00583	0.00505	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1170	209	178**	<0.05
		11/03/99	<0.050	0.01	0.00479	0.00621	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1260	235	292	1.45
		02/11/00	<0.050	0.02	0.00321	0.00558	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1440	234	270	1.64
		05/18/00	<0.050	<0.01	0.0027	0.0039	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1540	219	293	2.1
		09/06/00	<0.050	<0.02	0.003	0.0044	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1530	240	249	2.
		09/06/00	<0.050	<0.02	0.0032	0.0047	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0014	ND	--	1560	252	265	2.
		12/20/00	<0.050	0.0014	0.0023	0.0035	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1540	257	283	2.1
		03/01/01	<0.010	0.0041	0.0024	0.0036	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.0057	ND	--	1630	230	300	1.9
(Duplicate)	Downgradient	06/06/95	<0.01	<0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA
		12/28/95	0.055	<0.01*	<0.005	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA	--	NA	NA	NA	NA
		04/11/96	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	0.003	0.011	<0.001	<0.003	0.008	ND	--	NA	NA	NA	NA	NA
		05/20/96	<0.050	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	NA
		10/07/96	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		12/31/96	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		06/25/97	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		08/22/97	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		02/11/98	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/30/98	<0.050	<0.01	<0.001	0.0018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		01/29/9																		

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Former Chromal Plating Site Vicinity  
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Well Number	Relative Locations	Date Sampled	Chromium		Detected Volatile Organic Compounds by EPA Method 8240/8260												TDS	Chloride	Sulfate	Boron
			Total	Hexavalent	PCE	TCE	DCFM	TCM	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naph	Alkylbenzenes	Other VOCs					
LFCH-5 <i>(continued)</i>	Downgradient (Duplicate)	03/01/01	<0.010	0.00010 J	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	ND	--	1720	200	480	2.0	
		03/01/01	<0.010	<0.001	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	ND	--	1720	200	500	2.0	
LFCH-6	Upgradient	06/06/95	<0.01	<0.01	0.0073	0.0038	<0.002	<0.002	<0.002	<0.002	<0.002	<0.004	<0.002	ND	--	NA	NA	NA	NA	
		12/28/95	0.008	<0.01	0.007	<0.005	NA	<0.005	<0.005	<0.005	<0.005	<0.005	NA	NA	--	NA	NA	NA	NA	
		04/11/96	<0.050	<0.01	0.007	0.011	<0.001	<0.001	<0.001	0.004	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		05/20/96	<0.050	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	
		10/07/96	<0.050	<0.01	0.005	0.0071	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		12/30/96	<0.050	<0.01	0.0042	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		06/24/97	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		08/20/97	<0.050	<0.01	0.0084	0.0054	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		02/11/98	<0.050	<0.01	0.0067	0.0053	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		07/31/98	<0.050	<0.01	0.012	0.0024	<0.001	0.0021	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		01/28/99	<0.050	<0.01	0.0169	0.0016	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		06/03/99	<0.050	<0.01	0.0109	0.00267	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	940	112	176**	<0.05	
		06/03/99	<0.050	<0.01	0.0107	0.00262	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	890	117	181**	<0.05	
		02/11/00	<0.050	<0.01	0.00572	0.00613	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1050	161	238	0.664	
		05/18/00	<0.050	<0.01	0.0043	0.0051	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1140	158	247	0.96	
		09/06/00	<0.050	<0.02	0.0041	0.0049	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1050	178	192	1.1	
		12/20/00	<0.050	0.0012	0.0047	0.0046	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1030	153	253	0.97	
		03/01/01	<0.010	0.0015	0.0051	0.0043	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	ND	--	1100	160	240	0.8	
LFCH-7	Downgradient	10/05/95	0.037	<0.01	<0.01	<0.01	<0.01	0.82	0.52	0.027	<0.003	0.49	0.325	--	NA	NA	NA	NA		
		12/29/95	<0.050	<0.01	<0.025	<0.025	NA	<0.025	0.47	<0.025	<0.025	NA	NA	--	NA	NA	NA	NA		
		04/11/96	<0.050	<0.01	<0.025	<0.025	<0.025	<0.025	0.64	<0.025	0.025	<0.075	0.41	0.25	--	NA	NA	NA	NA	
		05/20/96	<0.050	<0.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	--	NA	NA	NA	NA	
		10/08/96	<0.050	<0.01	<0.05	<0.05	<0.05	0.39	<0.05	<0.05	<0.15	<0.05	0.244	--	NA	NA	NA	NA	NA	
		12/31/96	<0.050	<0.01	<0.025	<0.025	<0.025	<0.025	0.48	<0.025	<0.025	<0.075	0.36	0.311	--	NA	NA	NA	NA	
		06/25/97	<0.050	<0.01	<0.05	<0.05	<0.05	0.5	<0.05	<0.05	<0.15	0.35	0.362	--	NA	NA	NA	NA	NA	
		08/21/97	<0.050	<0.01	<0.025	<0.025	<0.025	<0.025	0.28	<0.025	<0.025	<0.075	<0.025	0.174	--	NA	NA	NA	NA	
		02/13/98	<0.050	<0.01	<0.02	<0.02	<0.02	<0.02	0.38	<0.02	<0.02	<0.06	0.17	0.285	--	NA	NA	NA	NA	
		07/31/98	<0.050	<0.01	<0.025	<0.025	<0.025	<0.025	0.5	0.026	<0.025	<0.075	0.25	0.351	--	NA	NA	NA	NA	
		01/29/99	<0.050	<0.01	<0.010	<0.010	<0.020	<0.010	0.414	<0.010	<0.010	<0.003	<0.010	0.2675	--	NA	NA	NA	NA	
		06/03/99	<0.050	<0.01	<0.020	<0.020	<0.040	<0.020	0.331	<0.020	<0.020	<0.060	0.0412	0.2152	1,1,2 TCA: 0.0206	756	82.2	81.5**	<0.05	
		11/03/99	<0.050	<0.01	<0.010	<0.010	<0.020	<0.010	0.265	<0.010	<0.010	<0.003	0.152	0.2619	--	856	82.6	96.0	0.375	
		02/11/00	<0.050	0.02	<0.00625	<0.00625	<0.0125	<0.00625	0.188	<0.00625	<0.00625	<0.01875	0.0236	0.17518	--	794	80.6	100.	0.389	

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**Summary of Groundwater Analytical Data**

Well Number	Relative Locations	Date Sampled	Chromium		Detected Volatile Organic Compounds by EPA Method 8240/8260											TDS	Chloride	Sulfate	Boron
			Total	Hexavalent	PCE	TCE	DCFm	TCM	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naph	Alkylbenzenes	Other VOCs				
LFCH-8 (continued)	Downgradient	10/07/96	<0.050	<0.01	<0.001	0.0018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		12/30/96	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	0.0031	<0.001	0.0027	0.0066	<0.001	0.0083	--	NA	NA	NA	NA
		06/25/97	<0.050	<0.01	0.0016	0.0016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		08/21/97	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		02/11/98	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/31/98	<0.050	0.02	0.0019	0.0029	<0.001	0.0013	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		01/28/99	<0.050	0.04	0.0025	0.0025	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		06/03/99	<0.050	<0.01	0.00135	0.0023	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1560	277	252**	<0.05
		11/03/99	<0.050	<0.01	0.00175	0.00234	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1520	229	322	1.88
		02/11/00	<0.050	<0.01	0.00124	0.00188	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1510	219	309	1.75
		05/18/00	<0.050	<0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1640	212	374	2.2
		09/06/00	<0.050	<0.02	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1660	228	395	2.1
		12/20/00	<0.050	0.00012 J	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	1680	229	375	2.1
		03/01/01	<0.010	<0.001	<0.0005	0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	ND	--	1720	210	400	1.9
LFCH-9	Chromal Site	08/20/97	<0.050	<0.01	0.0067	0.0017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		02/10/98	0.35	<0.01	0.011	0.0023	<0.001	0.0013	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/30/98	0.66	1.1	0.015	<0.001	<0.001	0.0018	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		01/28/99	0.211	0.23	0.017	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.001	<0.001	ND	--	NA	NA	NA	NA
LFCH-10A	Chromal Site	08/21/97	9.6	9.2	0.0068	0.0012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		02/10/98	12.	8.5	0.011	0.0032	<0.001	0.0013	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		02/10/98	11.	9.9	0.012	0.0034	<0.001	0.0014	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/30/98	6.1	5.0	0.015	<0.001	<0.001	0.0016	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/30/98	6.2	5.3	0.014	<0.001	<0.001	0.0015	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		01/28/99	9.62	7.16	0.0123	<0.001	<0.002	0.0011	<0.001	0.00301	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		01/28/99	11.9	7.05	0.0133	<0.001	<0.002	0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		06/03/99	9.4	6.1	0.00184	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	904	112	191**	<0.05
		11/03/99	0.560	<0.01	0.0861	0.00178	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	919	121	362	0.618
		02/11/00	<0.050	0.06	0.00699	0.00236	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	942	131	282	0.578
		5/18/00 & 6/15/00	<0.050	0.021	0.0049	0.002	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	996	128	254	0.67
		09/06/00	<0.050	<0.02	0.0054	0.0017	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	916	132	223	0.69
		12/20/00	<0.050	0.0099	0.0052	0.0017	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	952	141	263	0.68
		03/01/01	0.013	0.013	0.0056	0.0017	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	0.067	ND	--	990	140	280	0.7
LFCH-10B	Chromal Site	08/21/97	<0.050	<0.01	0.0022	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		02/10/98	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/30/98	<0.050	<0.01	0.0013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		01/28/99	<0.050	<0.01	0.0012	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		06/03/99	<0.050	<0.01	0.00215	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	770	134	98**	<0.05
		11/03/99	<0.050	<0.01	0.00101	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	842	139	200	0.749
		02/11/00	<0.050	<0.01	0.00113	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	776	131	170	0.756
		5/18/00 & 6/15/00	<0.050	<0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	164	4.3	37.7	<0.20
		09/06/00	<0.050	<0.02	0.0014	0.0014	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	776	168.	70.5	0.81
		12/20/00	<0.050	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	979	225.	73.2	1.6
		03/01/01	<0.010	0.00016 J	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	ND	--	950	210.	66.	1.2

**Table 2:**  
**Summary of Groundwater Analytical Data**  
Former Chromal Plating Site Vicinity  
Former Lawry's California Center  
LFR 6257.00  
All values reported in milligrams per liter (mg/l)

Well Number	Relative Locations	Date Sampled	Chromium		Detected Volatile Organic Compounds by EPA Method 8240/8260										TDS	Chloride	Sulfate	Boron	
			Total	Hexavalent	PCE	TCE	DCFM	TCM	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naph	Alkylbenzenes	Other VOCs				
LFCH-10C	Chromal Site (Duplicate)	08/21/97	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		02/10/98	<0.050	<0.01	<0.001	<0.001	<0.001	<0.001	<0.001	0.0011	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA
		07/30/98	<0.050	<0.01	<0.001	0.0014	<0.001	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		01/28/99	<0.050	0.02	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.001	ND	--	NA	NA	NA	NA	
		06/03/99	<0.050	<0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1280	333	53.5**	0.633	
		11/03/99	<0.050	<0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1170	287	78.0	1.27	
		11/03/99	<0.050	<0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1210	307	86.0	1.71	
		02/11/00	<0.050	0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.003	<0.002	ND	--	1330	343	108.	1.88	
		5/18/00 & 6/15/00	<0.050	<0.01	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	214	9.4	52.1	<0.20	
		09/06/00	<0.050	<0.02	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	429	39.9	56.5	0.43	
		12/20/00	<0.050	<0.001	<0.001	<0.001	<0.002	<0.001	<0.001	<0.001	<0.001	<0.001	ND	--	702	128.	77.4	0.83	
		03/01/01	<0.010	0.00016 J	<0.0005	<0.0005	<0.001	<0.0005	<0.0005	<0.0005	<0.0005	<0.001	<0.0005	ND	--	780	160.	61.	0.8
MCLs			0.05	NE	0.005	0.005	NE	0.1	0.001	0.15	0.7	1.75	NE	NE	1,1,2 TCA: 0.005 cis-1,2-DCE: 0.005 styrene: 0.1	500***	250***	250***	NE

**Notes:**

NE = Not Established  
ND = Not Detected above individual detection limits

NA = Not Analyzed

< = Designates less than the laboratory detection limit.

MCLs = Maximum Contaminant Level or Primary Drinking Water Standard for the State of California.

\* = Discrepancy in Total Chromium versus Hexavalent Chromium attributable to laboratory procedures.

\*\* = Sulfate was detected in the equipment blank at a concentration of 118 mg/L.

\*\*\* = Secondary Drinking Water Standard for State of California or EPA.

J = Trace (less than reporting limit of 0.001 mg/L and above method detection limit of 0.0001 mg/L).

The 12/20/00 and 3/01/01 hexavalent chromium samples were analyzed using EPA Method 218.6 by E.S. Babcock & Sons, Inc. laboratory.

**Chemical Abbreviations:**

PCE = Tetrachloroethene  
TCE = Trichloroethene  
DCFM = Dichlorodifluoromethane  
TCM = Trichloromethane (Chloroform)  
Naph = Naphthalene  
TDS = Total Dissolved Solids  
TCA = Trichloroethane  
cis-1,2-DCE = cis-1,2-Dichloroethene  
p-IPT = p-Isopropyltoluene

**Alkylbenzenes:**

n-Butylbenzene  
sec-Butylbenzene  
1,2,4-Trimethylbenzene  
1,3,5-Trimethylbenzene  
Isopropylbenzene  
n-Propylbenzene

QA/QC: *[Signature]*

## **FIGURES**

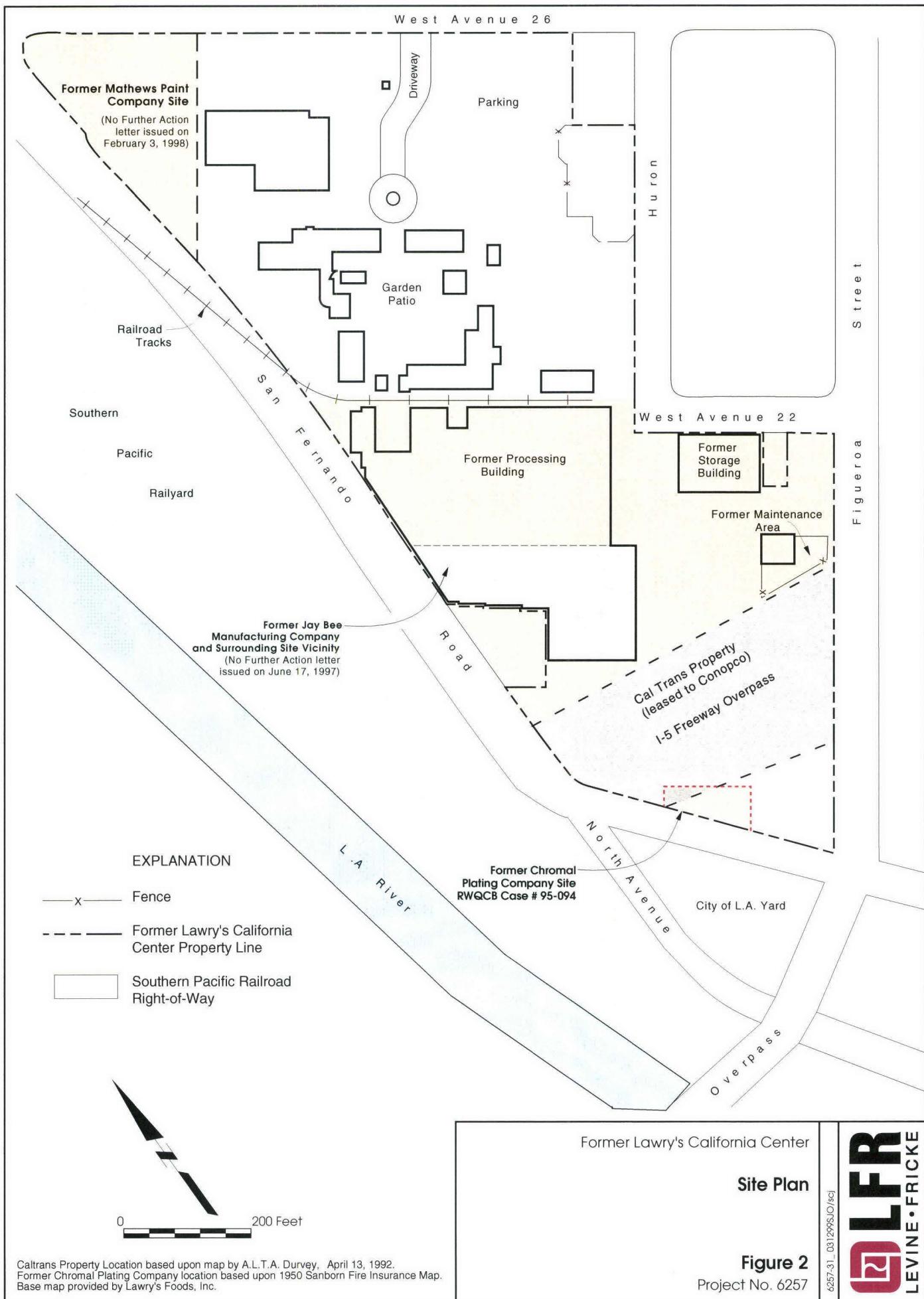


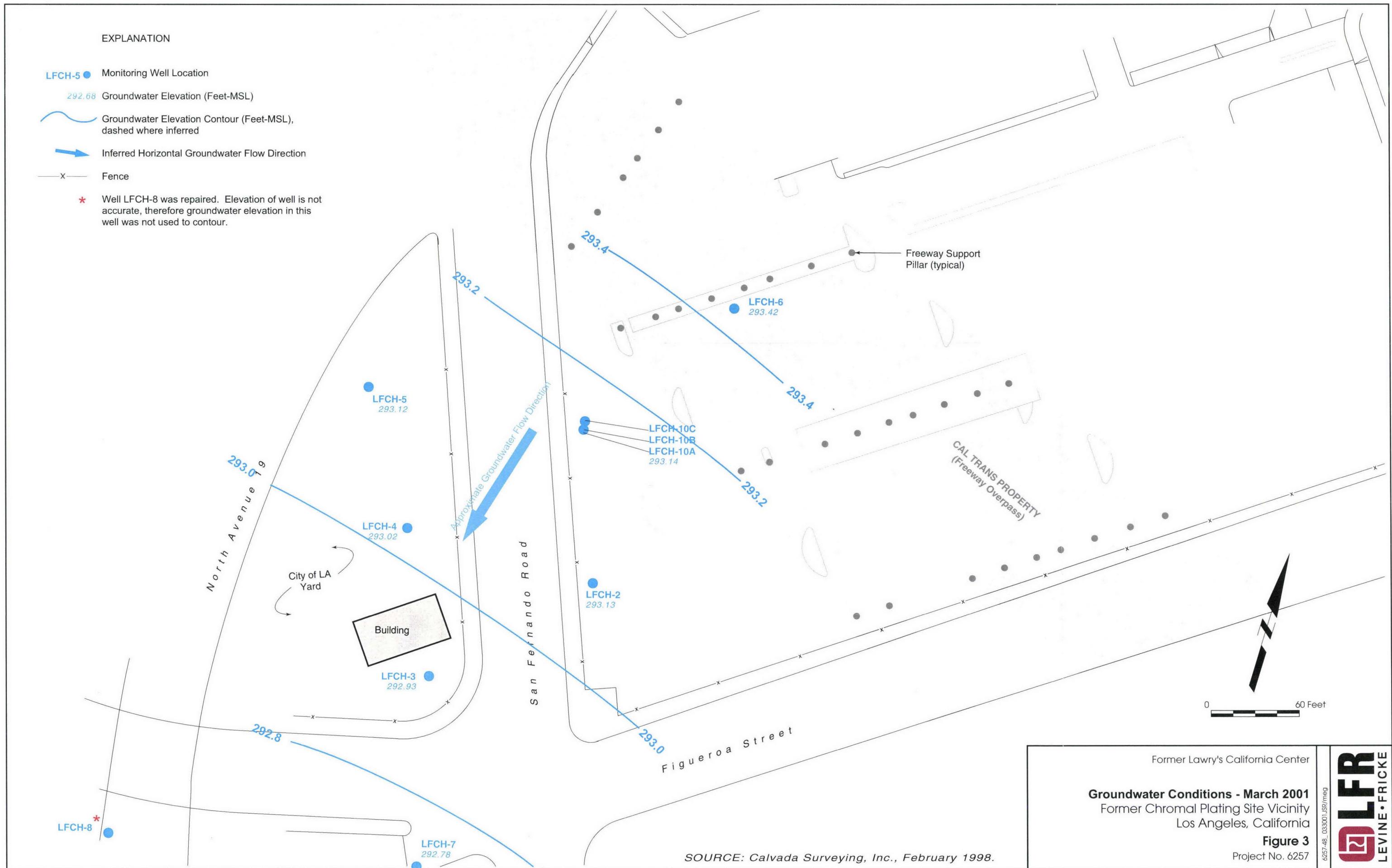
MAP SOURCE: U.S.G.S Topographic Map, 7.5' Quadrangle, Los Angeles, California, 1981.

0 1,000 2,000 4,000 feet

6257-30 031299SJO/scj

Former Chromal Plating Company Site





SOURCE: Calvada Surveying, Inc., February 1998.

Former Lawry's California Center

**Groundwater Conditions - March 2001**  
Former Chromal Plating Site Vicinity  
Los Angeles, California

**Figure 3**  
Project No. 6257

### EXPLANATION

**LFCH-5** ● Monitoring Well Location  
 LFCH-5 mg/l  
 1/1/99 0.560  
 2/1/00 <0.050  
 5/1/00 <0.050  
 9/6/00 <0.050  
 12/20/00 <0.050  
 3/01/01 <0.010

— X — Fence

NS Not Sampled (Inaccessible)

— C — Approximate Extent of Total Chromium-Affected Groundwater in Excess of 0.05 mg/l

NOTE: June 1999 data represent pre-soil remediation data.  
 November 1999, February, May, June, September, December 2000, and March 2001 data represent post-soil remediation data.



Former Lawry's California Center  
**Total Chromium Concentrations in Groundwater Over Time**  
 Former Chromal Plating Site Vicinity  
 Los Angeles, California

**Figure 4**  
 Project No. 6257

**ELFR**  
 LEVINE • FRICKE

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